

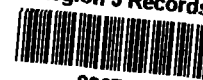
**STS CONSULTANTS**

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February 4, 2003

Mr. Fred Micke, On-scene Coordinator
Ms. Verneta Simon, On-scene Coordinator
U.S. Environmental Protection Agency
Region 5
77 West Jackson Blvd., SE-5J
Chicago, Illinois 60604

EPA Region 5 Records Ctr.



226789

RE: Lakeshore East Development Site, Radiological Impacts Beneath the Adjacent Sidewalk, Harbor Drive, Chicago - STS Project Number 1-32193-XC

Dear Mr. Micke and Ms. Simon:

As you are aware, we have been proceeding with the excavation of identified radium-impacted materials from the Lakeshore East property over the past few months. In the course of verifying that sufficient excavation had been completed on the southeast boundary of the subject property, radiological impacts were detected in one sample from the wall of the excavation. The NUTRANL results of that sample analysis are attached.

The sampled boundary wall material measures barely above the cleanup threshold, both in the field gamma measurements and in the NUTRANL analysis. The field results show a gamma count of 25,000 counts per minute (CPM) unshielded or 7,900 CPM shielded, readings only slightly over the thresholds of 21,072 CPM unshielded or 7,447 CPM shielded corresponding to a concentration of the 7.1 pCi/g cleanup criterion. The NUTRANL results showed a total radium activity of 7.28 pCi/g.

As this material is off-site, our excavation will not extend beyond our property boundaries. The excavation wall is vertical at this location, and we propose to backfill as soon as we obtain USEPA verification sign-off for the on-site remediation. If requested by USEPA, we will provide some demarcation separation between any backfill and the remaining in-place impacted material, such as plywood sheeting or a polyethylene membrane or geotextile.

We are at present uncertain as to whether the owner is the owner of the building in the airspace over this location or perhaps the City as owner of the right-of-way occupied by the Harbor Drive sidewalk and street. However, we trust that USEPA will provide the property owner and any other party the Agency feels appropriate with information about this finding.

The on-site area within the exclusion zone has been surveyed and pre-verification sampled and is now ready for USEPA verification surveying and sampling. We anticipate your providing this survey, assessment and release of the on-site excavation at your next opportunity to visit the property. It is our understanding that you may be visiting the property tomorrow, February 5, 2003. Please advise us if you anticipate any delay in proceeding with this verification work.

Regards,

STS CONSULTANTS, LTD.



Steven Komder, Ph.D.
Senior Project Chemist



Richard G. Berggreen, C.P.G.
Principal Geologist

cc: Kara Hughes, Lakeshore East
David Carlins, Lakeshore East

FEB-04-2003 11:03

STS

847 279 2535 P.02/02

Mutual Gamma Spec Report- Lakeshore East Site										221 North Columbus Drive, Chicago, IL			
Daily Report for 1/30/03													
Sample ID	Sample Date	Sample Group	Description	Weight	U-238 Activity	U-238 Uncertainty	Th-232 Activity	Th-232 Uncertainty	Po-210 Activity	Po-210 Uncertainty	Total Radium Activity	Total Radium Uncertainty	
481	1/30/03	background	kg13003	7.5	-0.94	2.33	0.27	0.86	-0.46	0.82	-1.10	1.12846615	
482	1/30/03	soil standard	soilstd013003	36.9	-2.06	2.64	8.17	0.72	1.65	0.94	7.82	1.18406060	
483	1/30/03	Pre EPA	SZ384 28C Pre EPA#	24.7	1.9	3.01	2.44	0.81	0.16	1.09	2.8	1.35	
484	1/30/03	Pre EPA	SZ385 28C Pre EPA#2	24.9	3.11	2.86	1.01	0.77	3.05	1.11	4.08	1.350925806	
485	1/30/03	Pre EPA	SZ386 28C Pre EPA#3	22.6	8.31	2.8	0.41	0.72	0.97	1.03	1.39	1.258702033	
486	1/30/03	exclusion zone	SZ387 28C East Wall	28.6	3.87	3.20	2.26	0.87	2.34	1.22	4.48	1.498432614	
487	1/30/03	Pre EPA	SZ388 28C Pre EPA #4	28.5	6.28	2.65	0.58	0.87	3.18	0.97	3.77	1.17838779	
488	1/30/03	exclusion zone	SZ389 28C East Wall(2)	28	2.45	3.47	2.17	0.92	5.11	1.34	7.28	1.526425022	

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Date: February 4, 2003

Total Number of Pages, Including Cover: 3

FAX TRANSMITTAL COVER SHEET
PLEASE DELIVER THE FOLLOWING PAGES

NAME: Fred Micke, Verneta Simon
Kara Hughes, David Carlins

COMPANY: USEPA
Lakeshore East, LLC

FAX NUMBER(S): 312-353-9176
312-642-2773

FROM: Rich Berggreen

MESSAGE: Attached please find a letter regarding the presence of off-site contamination at the Lakeshore East site. Please contact us with any questions you may have regarding this information.

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL (847) 279-2500 IMMEDIATELY
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